



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS NA YAMAN



MEMORANDUM

FOR : **The Directors**
Legal Affairs Service
Policy and Planning Service
Climate Change Service

All Bureau Directors

All Regional Executive Directors

FROM : **The Director**
Legislative Liaison Office

SUBJECT : **REQUEST FOR COMMENTS ON HOUSE BILLS ESTABLISHING THE MALUNGGAY INDUSTRY DEVELOPMENT ACT OF THE COMMITTEE ON AGRICULTURE AND FOOD FROM THE HOUSE OF REPRESENTATIVES**

DATE : 06 June 2024

In reference to the letter received by our Office, the Committee on Agriculture and Food of the House of Representatives will soon deliberate on the following measures which seek to establish the Malunggay Industry Development Act, to wit:

- **House Bill No. 3247** - AN ACT ESTABLISHING A NATIONAL PROGRAM FOR THE MALUNGGAY INDUSTRY, APPROPRIATING FUNDS THEREFOR AND FOR OTHER PURPOSES, introduced by Rep. Lex Anthony Cris A. Collada; and
- **House Bill No. 7045** - AN ACT URGING THE COMPREHENSIVE PLANNING, DEVELOPMENT, AND EXPORT PROMOTION OF THE MORINGA (MORINGA OLEIFERA) LOCALLY KNOWN AS "MALUNGGAY", AND PROVIDING FUNDS THEREFOR, introduced by Rep. Aniela Bianca D. Tolentino.

In this regard, may we respectfully request for comments and recommendations on the abovementioned House bills, in anticipation of the Committee meeting, as requested by the Committee. Kindly send them on or before **Friday, 14 June 2024, at 5 PM** via email at denrlo@denr.gov.ph.

Attached herewith are the Letter Invitation, and the House Bills for your reference.


ROMIROSE B. PADIN

Cc: Undersecretary for Special Concerns and Legislative Affairs

MEMO NO. 2024 - 521



COMMITTEE ON AGRICULTURE & FOOD

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05 June 2024

SECRETARY ANTONIA YULO- LOYZAGA
Department of Environment and Natural Resources (DENR)

Dear Secretary Loyzaga:

The Committee on Agriculture and Food will soon deliberate on measures which seek to establish the Malunggay Industry Development Act. In this regard, may we refer for your comments the following:

1. **House Bill No. 3247** – *AN ACT ESTABLISHING A NATIONAL PROGRAM FOR THE MALUNGGAY INDUSTRY, APPROPRIATING FUNDS THEREFOR AND FOR OTHER PURPOSES*, introduced by Rep. Lex Anthony Cris A. Collada; and
2. **House Bill No. 7045** – *AN ACT URGING THE COMPREHENSIVE PLANNING, DEVELOPMENT, AND EXPORT PROMOTION OF THE MORINGA (MORINGA OLEIFERA) LOCALLY KNOWN AS “MALUNGGAY”, AND PROVIDING FUNDS THEREFOR*, introduced by Rep. Aniela Bianca D. Tolentino.

Attached are copies of the bills for your reference.

Thank you and best regards.

Very truly yours,

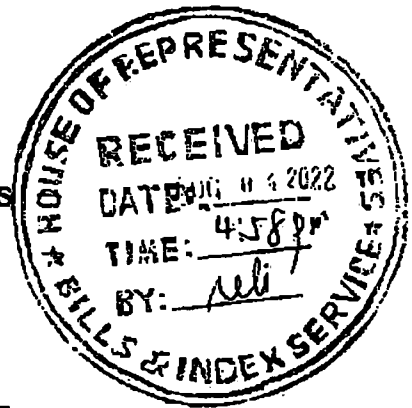
REP. WILFRIDO MARK M. ENVERGA
Chairperson



Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

NINETEENTH CONGRESS
First Regular Session

House Bill No. 3247



Introduced by Representative Lex Anthony Cris A. Colada

EXPLANATORY NOTE

Malunggay, is a commonly cultivated plant in the Philippines and is known not just for its nutritional value but also for its medicinal herbal effects. *Malunggay* has a scientific name of *moringa oleifera*, and is known in English by the following common names: moringa, drumstick tree, horseradish tree, ben oil tree or benzoil tree.

Malunggay has been gaining international recognition as a "superfood" rich in nutrients and minerals as well as abundant in anti-oxidants. Filipinos consume the leaves, flowers and fruits (pods) of the *malunggay* as vegetables. *Malunggay* leaves contain protein, fiber, calcium, phosphorus, iron, beta-carotene, vitamins B1, B2, B3, and C. Regular consumption of *malunggay* can lead to healthy benefits like normalizing blood sugar levels, preventing malnutrition and micronutrient deficiency, and strengthening the immune system, to name a few. *Malunggay* has also long been used as an herbal medicine, although not all of its reported medicinal properties have been scientifically proven. One scientifically proven effect though, is that it increases milk flow in lactating mothers.

For all of its benefits, it is surprising that most people simply consider the *malunggay* an ordinary backyard plant, and isn't a staple in the Filipino's diet. Although recently, *malunggay* has been in the spotlight, judging from the number of products being marketed here, ranging from *malunggay* chips, *malunggay* powder, *malunggay* tea, *malunggay* capsules and even *malunggay* oil. With its growing popularity as a superfood and its increasing demands for exports, *malunggay* is clearly not a typical backyard plant anymore.

This bill would like to continue this trend, and provide for more institutional support to the *malunggay* industry; to establish it as an agri-business and develop products capable of not just local but also international distribution; to encourage its consumption among Filipinos to take advantage of its numerous health benefits; and to promote it as a viable crop for small and backyard farming for poverty alleviation.

In view of the forgoing, passage of this bill is earnestly sought.

LEX ANTHONY CRIS A. COLADA
AAMBIS-Owa Partylist



Republic of the Philippines
HOUSE OR REPRESENTATIVES
Quezon City, Metro Manila

NINETEENTH CONGRESS
Third Regular Session

HOUSE BILL NO. 3247

Introduced by Representative Lex Anthony Cris A. Colada

AN ACT
ESTABLISHING A NATIONAL PROGRAM FOR THE MALUNGGAY INDUSTRY,
APPROPRIATING FUNDS THEREFOR AND FOR OTHER PURPOSES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. Title. This Act shall be known as the *Malunggay Industry Development Act*.

SEC. 2. Declaration of Policy. *Malunggay* or *moringa oleifera* is a commonly cultivated plant in the Philippines and is known not just for its nutritional value but for its medicinal herbal effects. It has been gaining international recognition as a superfood due to its health benefits.

In line with this, it is hereby declared the policy of the State to continuously develop the *malunggay* industry as an agri-business by developing products not just for local but also for international distribution. It shall also be developed as a major source of pharmaceutical properties.

The State shall promote *malunggay* as a means of livelihood for poverty alleviation; maximize its utilization for health and nutrition; and discover its other potential co-products.

Toward this end, the State shall establish productivity improvement programs, provide the needed infrastructure support, enhance research and development on product diversification, provide extension services, and provide financial assistance to farmers who are willing to cultivate *malunggay*.

SEC. 3. *Malunggay Industry Development Committee.* To carry out the policies enunciated under this Act, there is hereby established a *Malunggay Industry Development Committee*, hereinafter referred to as the Committee. It shall be composed of the following:

- (a) Secretary of the Department of Agriculture (DA), Chairperson;
- (b) Secretary of the Department of Science and Technology (DOST), Vice-Chairperson;
- (c) Secretary of the Department of Trade and Industry (DTI);
- (d) Secretary of the Department of Health (DOH);
- (e) Secretary of the Department of the Interior and Local Government (DILG);
- (f) Secretary of the Department of Education (DepEd);
- (g) One (1) representative from State Universities and Colleges (SUC);
- (h) One (1) representative from farmers' groups concerned with the *malunggay* industry; and
- (i) One (1) representative from the private sector organizations concerned with the *malunggay* industry.

The nominees of the farmers' groups shall be validated by the Department of Agriculture (DA) and submitted to the President not later than thirty (30) days following the effectivity of this Act. The President shall appoint the representative from a list of nominees submitted by the DA.

The government representatives in the Committee shall serve only during their respective terms in office. The representatives from the farmers' groups and the private sector shall each hold a term of three (3) years unless sooner removed for cause, and may be reappointed once: *Provided*, that any appointment to fill a vacancy in the Committee shall be only for the unexpired term.

The Committee shall coordinate with the various organizations that are known to be experts in the industry to organize the *Moringa* producers, processors, inputs

producers and suppliers, domestic and international marketers, and traders as well as allied and related industries and aggrupation into an umbrella organization.

The Committee may also call upon any department, bureau, office, agency, and instrumentality of the government for any assistance it may need in the discharge of its functions and responsibilities.

SEC. 4. Role of Various Government Agencies. The Department of Trade and Industry (DTI) shall prioritize the development of National Product Standards for *Moringa* products and its synchronization and compliance with international product standards and equivalence. The Department of Finance (DOF), in collaboration with Land Bank of the Philippines (LBP), Development Bank of the Philippines (DBP), Small Business Guarantee and Finance Corporation (SBGFC) as well as Board of Investments (BOI), Philippine Economic Zone Authority (PEZA), shall provide the financing modalities and mechanisms for funding the loan requirements of the *moringa*-based industries.

SEC. 5. Malunggay Framework for Development. The Committee shall formulate necessary measures, programs and projects for the advancement and industry-wide development of *malunggay*, as follows:

- (a) **Productivity Improvement Programs.** To boost the production of *malunggay*, the following actions shall be made:
- 1) Identify the species, breeds or variants, if any, to be used and developed under this Act;
 - 2) Appropriate land usage in suitable areas to increase and sustain its productivity and agricultural output;
 - 3) Organize systematic programs that could improve production through its seeding, cultivation, harvesting and proper processing;
 - 4) Create communal fields and gardens for those in the marginalized or rural areas to address their problems in food and health care; and
 - 5) Initiate alternative livelihood projects for poverty alleviation.

(b) **Research and Development.** The Committee, in coordination with government research and development institutions, relevant SUCs, and the private sector, shall intensify research and studies on the propagation of *malunggay* to maximize and validate its nutritional and medicinal properties, and to expand its other possible uses. To attain these, the following actions shall be made:

- (1) Survey *malunggay*'s potential in the international markets and prepare it as one of the Philippines' major commercial products;
- (2) Develop the *malunggay* food industry by including the various parts of the plant in food preparation, various recipes and diet for health benefits;
- (3) Explore the possibility of *malunggay* as a useful agricultural input (fertilizer) and animal feeds; and
- (4) Invest in the biofuel potential of *malunggay* oil as a sustainable alternative to fossil fuel for the country's power generation and in the development of new products derived from it.

(c) **Market Promotion and Development.** The Committee, together with the concerned government agencies and industry stakeholders, shall endeavor to:

- (1) Disseminate information regarding its uses and benefits through the use of advertising, mass media, and information technology;
- (2) Share information on agricultural and manufacturing practice to determine market opportunities for potential stakeholders; and
- (3) Collaborate with different organizations on the sharing of information and statistics on the *malunggay* industry.

(d) **Extension services.**

- (1) Encourage and train *malunggay* farmers to utilize appropriate agricultural machineries and equipment necessary for the efficient planting, cultivation, care and maintenance, harvesting and handling of *malunggay* and its by-products;
- (2) Ensure the availability of good seeds and materials to ensure high yield and good quality *malunggay*.

All other programs that will help attain the objectives of this Act and those that will complement existing programs are also encouraged.

SEC. 6. *Malunggay Industry Development Fund (MIDF).* There is hereby established a *Malunggay Industry Development Fund (MIDF)* to be administered by the Department of Agriculture for the purpose of financing the growth and development of the *malunggay* industry. The amount necessary for the initial implementation of this act shall be charged against the current year's appropriation of the Department of Agriculture (DA). Thereafter, such sums as maybe necessary for the continued implementation of this act shall be included in the General Appropriations Act (GAA).

SEC. 7. *National Vegetable of the Philippines.* *Malunggay* is hereby declared the national vegetable of the Philippines. The *malunggay* plant merits this recognition due to its enormous benefits where all parts of the *malunggay* tree are endowed with substantial nutritional and medicinal benefits.

SEC. 8. *National Malunggay Month.* To recognize the importance of the *malunggay* plant to the health, social, agricultural, and environmental value, the month of November is hereby declared as the *National Malunggay Month*.

SEC. 9. *MALUNGGAY INDUSTRY ROADMAP.* Upon the effectivity of this Act, the Committee, in consultation with all the industry players, shall prepare the *malunggay* industry roadmap. The Committee may call upon any instrumentality of government for any assistance it may need in the discharge of its functions as well as in the implementation of the programs and projects.

SEC. 10. *Implementing Rules and Regulations (IRR).* Within thirty (30) days from the date of the constitution of the Committee, it shall formulate and promulgate the rules and regulations for the proper implementation of this Act.

SEC. 11. *Separability Clause.* If any provision of this Act is declared invalid or unconstitutional, the other provisions not affected by such declaration shall remain in full force and effect.

SEC. 12. *Repealing Clause.* All laws, executive and administrative orders, rules and regulations inconsistent with this Act are hereby repealed or amended accordingly.

SEC. 13. *Effectivity Clause.* This Act shall take effect fifteen (15) days after its publication in the *Official Gazette* or in a newspaper of general circulation.

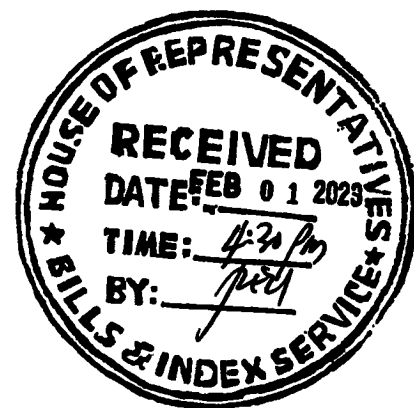
Approved,

Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

NINETEENTH CONGRESS

First Regular Session

HOUSE BILL NO. 7045



Introduced by the **Honorable ANIELA BIANCA D. TOLENTINO**

EXPLANATORY NOTE

Moringa oleifera (moringa) or malunggay is a staple in the lives of Filipino. It is often used as an ingredient in many Filipino dishes like tinola, monggo, and nilaga. However, we have overlooked the big potential of moringa as an export product of the Philippines. In a December 2022 article by the Center for Promotion of Imports from Developing Countries, it was highlighted that the global demand for moringa was estimated at US\$8 Billion in 2018. It also stated that said global demand is predicted to grow by 8.9% between 2019-2025 or a total global market of US\$10 Billion by 2025.

Moringa leaf powder is used as an ingredient in health products. The high nutrient content of the plant is the main selling point for moringa. Moringa grows in tropical countries in Africa, Asia, the Pacific and Caribbean Islands, and South Africa. India is currently has the biggest market share in the global market for moringa at 80%. This representation finds it proper that the Philippine government exert effort in capturing a significant part of the large global demand market for moringa by adopting a law that will develop and promote it. There is also a similar bill for the development and promotion of moringa filed in the Senate.

The development and promotion of moringa as another product that the Philippines can be a major player in the global stage will be great for the economy and in the effort to improve the lives of Filipinos.

For the Filipino people, approval of the bill herein is earnestly being sought.

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Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

NINETEENTH CONGRESS

First Regular Session

HOUSE BILL NO. 7045

Introduced by the **Honorable ANIELA BIANCA D. TOLENTINO**

**AN ACT URGING THE COMPREHENSIVE PLANNING,
DEVELOPMENT, AND EXPORT PROMOTION OF THE
MORINGA (MORINGA OLEIFERA) LOCALLY KNOWN AS "MALUNGGAY",
AND PROVIDING FUNDS THEREFOR**

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. *Short Title.* - This Act shall be known as the "Moringa Development Act."

SECTION 2. *Declaration of Policy.* - It is hereby declared the policy of the State to develop and promote a globally competitive moringa Industry with the objective of increasing moringa farmers, income, addressing the nutritional and health needs of our people, and encouraging trade and industry.

SECTION 3. *Development of Moringa.* - The Department of Agriculture (DA), in consultation with the Department of Environment and Natural Resources (DENR), Department of Science and Technology (DOST), moringa growers' cooperatives and organizations, local government units, and the private sector, shall formulate a one year framework to be validated and updated annually. Such framework shall serve as guide to the formulation and implementation of plans, programs and projects for the production, marketing, processing and distribution of moringa for food and commercial needs, as envisioned in this Act. The framework shall likewise provide for the following:

- a. **National Framework** - The DA, DOST, state universities and colleges (SUCs) and other stakeholders shall strengthen the conduct of researches on moringa particularly on areas of crop improvement, crop protection, harvesting and postharvest handling, supply chain analysis, marketing and promotion.
- b. **Investment Promotion and Facilitation** - The DA and DTI shall develop programs establishing links between stakeholders in the moringa industry and Government Financial Institutions (GFIs) and other financial cooperatives. The DA and DTI shall likewise develop and implement programs that would establish reasonable and innovative investment incentives to attract more players in the moringa industry.
- c. **Export Promotion Support** - An integrated and strategic export promotion program for moringa industry shall be created. The export promotion program shall be responsive to market conditions, needs of the exporters, and possibilities offered by new products and technologies. It shall likewise provide foreign trade and export promotion activities through trainings, technical assistance, capacity building, generating awareness on export opportunities, and export planning assistance.
- d. **Strengthen Trade Policies and Support Network**-The DA shall be responsible in coordinating a consultative approach for the various stages of the trade policy making process. The Department of Foreign Affairs (DFA) shall lead the negotiation of Free Trade Agreements (FTAs) to provide a competitive environment for moringa exports abroad.
- e. **Monitoring and Evaluation** - The DA shall continuously monitor, track, and analyze the progress and outcomes of the programs to be implemented to determine overall effectiveness.

SECTION 4. Appropriations. - The amount necessary to implement this Act shall be included in the annual General Appropriations Act (GAA). Thereafter, such funds as may be necessary for the continued implementation of this Act shall be included in the succeeding annual GAA.

SECTION 5. Repealing Clause. - All provisions of existing laws, orders and regulations contrary to or inconsistent with this Act are hereby repealed or modified accordingly.

SECTION 6. *Separability Clause.* - If for any reason any part or provision of this Act shall be deemed unconstitutional or Invalid, the other sections or provisions hereof shall not be affected and shall remain in force and effect.

SECTION 7. *Effectivity.* - This Act shall take effect fifteen (15) days after its publication In the Official Gazette or in a newspaper of general circulation.

Approved,